



National
Environmental
Achievement Track

U.S. Environmental Protection Agency

A04-0066

NOV 13 2001

Application Form

Yamaha Music Manufacturing, Inc.

Name of facility

Yamaha Corporation of America

Name of parent company (if any)

100 Yamaha Park

Street address

Street address (cont.)

Thomaston, GA 30286

City/State/Zip code

Give us information about your contact person for the
National Environmental Achievement Track Program.

Name **Michael Mitcham**

Title **Safety & Environmental Engineer**

Phone **(706) 647-9601 ext. 2342**

Fax **(706) 647-8936**

E-mail **mmitcham@yamaha.com**

Why do we need this information?

EPA needs background information on your facility to evaluate your application.

What do you need to do?

- Provide background information on your facility.
- Identify your environmental requirements.

What do you do or make at your facility?

**We manufacture upright pianos,
grand pianos, and professional
audio speakers.**

List the Standard Industrial Classification (SIC) codes or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

SIC

3931

NAICS

Does your company meet the Small Business Administration definition of a small business for your sector?



Yes

No

How many employees (full-time equivalents) currently work at your facility?

Fewer than 50

50-99



100-499

500-1,000

More than 1,000

Why do we need this information?

Facilities need to have an operating Environmental Management System (EMS) that meets certain requirements.

What do you need to do?

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

Check **yes** if your EMS meets the requirements for each element below as defined in the instructions.

Environmental policy _____ ✓ Yes

Planning _____ ✓ Yes

Implementation and operation _____ ✓ Yes

Checking and corrective action _____ ✓ Yes

Management review _____ ✓ Yes

Have you completed at least one EMS cycle (plan-do-check-act)? _____ ✓ Yes

Did this cycle include both an EMS and a compliance audit? _____ ✓ Yes

Have you completed an objective self-assessment or third-party assessment of your EMS? _____ ✓ Yes

If yes, what method of EMS assessment did you use?

Self-assessment

GEMI Other

CEMP _____

Third-party assessment

✓ ISO 14001 Certification

Other _____

Does your facility have an EPA ID number(s) ?

☒ Yes

☐ No

If yes, list in the right-hand column.

GAD099305989

- 6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right **or** enclose a completed Checklist with your application.

Attached as appendix A

- Check the appropriate box in the right-hand column.

☐ I've listed the requirements above.

☒ I've enclosed the Checklist with my application.

- 8 Optional: Is there anything else you would like to tell us about your facility?

We are an ISO 14001 registered
firm with Underwriter's Laboratories
(File A-9452-Dec. 2000). We have
also applied for inclusion in the
GA EPD's Pollution Prevention
Partners program.

Why do we need this information?

Facilities need to show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you need to report past achievement for at least one environmental aspect.

First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Reduce Air Emissions 2%	162,647	lbs. VOC's	147,393	lbs. VOC's
	55,401	lbs. HAP's	46,439	lbs. HAP's

i. How is the current level an improvement over the previous level?

This represents a 9% decrease in VOC's and a 25% decrease in HAP's.

34% overall reduction in air emissions.

ii. How did you achieve this improvement?

Working with vendors to develop "cleaner" product substitutes,

development of thorough SOP's for all jobs with potential

environmental impacts, very thorough employee education and training

with respect to job skills and impacts of air emissions on the

environment, and process equipment modifications.

Second aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Reduce Waste	23,486	lbs. haz waste	12,817	lbs. haz
	46,875	lbs. non-haz waste	27,999	lbs. non-haz

i. How is the current level an improvement over the previous level?

Hazardous waste had been reduced 45%, non-haz reduced 40%.

Overall waste reduction of 85%. YMM will become a SQG in 2002.

ii. How did you achieve this improvement?

**Implimented Operator Specific Work Instructions and provided thorough employee education and training to reduce errors and repairs. This effort also opened the door to the following waste reduction activities in 2001:
(Totals reflect data through June 30, 2001)**

- 1) 64,591 lbs. wood recycled
- 2) 128,000 lbs. metal recycled
- 3) 146,667 lbs. cardboard recycled.
- 4) 60,000 sheets of paper saved

Why do we need this information?

Facilities need to show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you need to report past achievement for at least one environmental aspect.

Third

~~First~~ aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Scrap Reduction	\$152,913	dollars	\$129,751	dollars
i. How is the current level an improvement over the previous level?				
<u>Represents a reduction of 15% in scrap (materials that are damaged beyond repair and must be replaced.) This is a natural resource conservation issue (wood, metal, oil-based materials)</u>				
ii. How did you achieve this improvement?				
<u>Developed detailed Operator Work Instructions to prevent errors and mistakes, and developed criteria for scrapped parts, and trained personnel to better evaluate and repair parts.</u>				

Fourth

~~Second~~ aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
Utilities Conservation	Quantity	Units	Quantity	Units
	6,206,504	KWH	5,445,794	KWH

i. How is the current level an improvement over the previous level?

Represents a 12% reduction in electricity consumption.

ii. How did you achieve this improvement?

Purchased energy efficient motors, utilize flexible production time (production ends before critical peak demand time, thus plant is down during hottest part of the day and uses less energy) Also a Green-Lights partner. All production areas turn off work area lights when not in immediate use.

Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you are a small facility, you need to make commitments for at least two environmental aspects in two different categories.

First aspect you've selected

a. What is the aspect?

Reduce Air Emissions

b. Is this aspect identified as significant in your EMS?

☒ Yes No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

Option A: Absolute value _____
(Quantity/Units)

☒ Option B: In terms of units of production or output 0.60 lbs/SMH
(Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

Option A: Absolute value _____
(Quantity/Units)

☒ Option B: In terms of units of production or output 0.58 lbs/SMH

e. How will you achieve this improvement?

We will continue to work with vendors to find "green" product substitutes and work with our employees to reduce errors and minimize the need for repairs.

Second aspect you've selected

a. What is the aspect?

Reduce Waste

b. Is this aspect identified as significant in your EMS?

☒ Yes No

Second aspect continues on the next page.

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

Option A:
Absolute value

(Quantity/Units)

✓ Option B:
In terms of units
of production
or output

0.127 lbs/SMH
(Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

Option A:
Absolute value

(Quantity/Units)

✓ Option B:
In terms of units
of production
or output

0.107 lbs/SMH

e. How will you achieve this improvement?

**Continue employee training to reduce
need for repairs (which produce
waste) and seek other "as is"
alternatives for waste.**

Third aspect you've selected

a. What is the aspect?

Scrap Reduction

b. Is this aspect identified as significant in your EMS?

✓ Yes No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

Option A:
Absolute value

(Quantity/Units)

✓ Option B:
In terms of units
of production
or output

0.40 cents/SMH
(Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

Option A:
Absolute value

(Quantity/Units)

✓ Option B:
In terms of units
of production
or output

0.38 cents/SMH

e. How will you achieve this improvement?

**Continue employee training on
reduction of errors and better
evaluation of part for repair
rather than scrap.**

Fourth aspect you've selected

a. What is the aspect?

b. Is this aspect identified as significant in your EMS?

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

e. How will you achieve this improvement?

Electricity Consumption

✓ Yes No

Option A:
Absolute value _____
(Quantity/Units)

✓ Option B:
In terms of units **17 KWH/SMH**
of production (Quantity/Units)
or output

Option A:
Absolute value _____
(Quantity/Units)

✓ Option B:
In terms of units **15 KWH/SMH**
of production
or output

**Evaluate facility for leaks in
compressed air system and expand
current energy saving activities
plant wide.**

Why do we need this information?

Facilities need to demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

How do you identify and respond to community concerns?

We have a specific procedure within
our EMS for dealing with concerns
of interested parties.

(Attached for reference)

How do you inform community members of important matters that affect them?

We speak at various civic clubs,
conduct informational tours of our
facility highlighting environmental
achievements, and place articles in
the local newspapers from time to time.

How will you make the Achievement Track Annual Performance Report available to the public?

✓ Website www.yamaha.com/pressreleases

✓ Newspaper

✓ Open Houses

✓ Other

Dealer tours of facility twice
annually.

4 Are there any ongoing citizen suits against your facility?

Yes

☒ No

If yes, describe briefly in the right-hand column.

5 List references below.

	Organization	Name	Phone number
Representative of a Community/ Citizen Group	Upsonians for Environmental Action	Lewis Eaton	(706) 647-9914
State/Local regulator	GA EPD Air Branch	Deirdre Edwards	(404) 363-7038
Other community/local reference	Thomaston-Upson Chamber of Commerce	Betsy Huber	(706) 647-9686

On behalf of **Yamaha Music Manufacturing, Inc.**
[my facility],

I certify that

I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;

- I have personally examined and am familiar with the information contained in this Application, (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Achievement Track EMS requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

 11/8/01

Printed Name/Title

Shinichi Minatodani / President

Facility Name

Yamaha Music Manufacturing, Inc.

Facility Street Address

100 Yamaha Park

Facility ID Numbers

GAD099305989

Yamaha Music Manufacturing
Applicable Environmental Requirements

- 1) Air Pollution Requirements
 - a. Permits and Registration of Air Pollution Sources (Title V Permit 3931-293-0004-V-01-0)
 - b. General Emissions Standards (monitor releases of VOC's and HAP's).
 - c. Record Keeping and Reporting.
 - d. Semi-annual air emissions reporting
 - e. Visible Emissions Standards
 - f. Control of Fugitive Dusts
- 2) Hazardous Waste Management Regulations
 - a. Identification and Listing of Hazardous Wastes
 - i. Characteristic Wastes
 - ii. Listed Wastes
 - b. Standards Applicable to Generators of Hazardous Waste
 - i. Manifesting
 - ii. Land Disposal Restrictions
 - iii. Pre-transport requirements
 - iv. Record Keeping
 - v. Annual Reporting (Waste Fees, Biennial Report, Waste Minimization Planning)
- 3) Hazardous Materials Management
 - a. Emergency Planning / Contingency Planning
 - b. Designation of Reportable Quantities and Notification of Hazardous Materials Spills
 - c. Hazardous Materials Transport Regulations
 - d. Worker Right-to-Know Regulations
 - e. Community Right-to-Know Regulations
- 4) Water Pollution Control Requirements
 - a. Determination of Reportable Quantities for Hazardous Substances
 - b. NPDES Permit Requirements (GAR 000000) [Smokey Hollow Lake]
 - c. Georgia Water Quality Control Act Industrial Pretreatment Permit Requirements (WQ-IP-084) [Bell Creek POTW]
 - d. SWPPP and SPCC Plan Maintenance
 - e. Water Quality Standards
 - f. Permit Monitoring / Reporting